

SUPPLEMENTAL REBUTTAL TESTIMONY

of

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Senior Rate Analyst  
Rates Department  
Financial Analysis Division  
Illinois Commerce Commission

Approval of Delivery Services Tariffs  
and Delivery Services Implementation Plan  
Central Illinois Light Company

Docket Nos. 01-0465/01-0530/01-0637  
(Consolidated)

December 28, 2001

TABLE OF CONTENTS

|                                |   |
|--------------------------------|---|
| I. WITNESS QUALIFICATION ..... | 1 |
| II. PURPOSE OF TESTIMONY ..... | 1 |
| III. CONCLUSIONS.....          | 2 |

SCHEDULES

- 1 – CILCO Rate Design Component Format – Revised
- 2 – CILCO Meter Support Worksheet – Revised
- 3 – DST Class Revenue Requirements

1    **I.     WITNESS QUALIFICATION**

2    Q.     Please state your name and business address.

3    A.     Dennis L. Sweatman, 527 East Capitol Avenue, Springfield, Illinois 62701.

4

5    Q.     Are you the same Dennis L. Sweatman that submitted direct and rebuttal  
6           testimony in this docket?

7    A.     Yes.

8

9    **II.    PURPOSE OF TESTIMONY**  
10

11   Q.     What is the subject matter of your supplemental rebuttal testimony?

12   A.     My supplemental rebuttal testimony provides Staff recommended delivery service  
13           tariff (DST) rates and charges based on Staff's final recommended revenue  
14           requirement. The final Staff recommended revenue requirement is provided in  
15           ICC Staff Exhibit 11.0, Schedule 11.1.

16

**III. CONCLUSIONS**

Q. What are the results of your revised DST rate calculations based on Staff's final recommended revenue requirement?

A. Schedules 1 and 2 show my revised recommended DST rates and charges. These rates and charges have been developed by revising Central Illinois Light Company's (CILCO) cost of service study to include Staff's final recommended revenue requirement and related adjustments, as provided in rebuttal testimony (ICC Staff Exhibit 11.0, Schedules 11.1, 11.2, 11.3, and 11.4). In addition to Staff's recommended revenue requirement, the revisions to CILCO's cost study also include all of my recommendations from previous testimony. Schedule 3 presents the revised revenue requirement responsibility by DST rate classification.

Q. What are your recommended DST rates and charges resulting from your revisions to CILCO's cost study?

A. As shown in Schedules 1 and 2, the following DST rates and charges resulted from my revisions to CILCO's cost study:

| <b>Delivery Services Rates</b> |                                   |                   |                   |             | <b>CILCO Proposed</b>               |                   |                   |             |
|--------------------------------|-----------------------------------|-------------------|-------------------|-------------|-------------------------------------|-------------------|-------------------|-------------|
| <b><u>Rate</u></b>             | <b><u>Staff Recommended</u></b>   |                   |                   |             | <b><u>(Revised Exhibit 2.2)</u></b> |                   |                   |             |
|                                | (Supplemental Rebuttal Testimony) |                   |                   |             |                                     |                   |                   |             |
|                                | <u>Customer</u>                   | <u>Dist. Cap.</u> | <u>Serv. Acc.</u> | <u>Fac.</u> | <u>Customer</u>                     | <u>Dist. Cap.</u> | <u>Serv. Acc.</u> | <u>Fac.</u> |
|                                | (\$/month)                        | (\$/kw)           | (\$/acc. pt.)     | (\$/kw)     | (\$/month)                          | (\$/kw)           | (\$/acc.pt.)      | (\$/kw)     |
| N5                             | \$536.20                          | \$0.44            | \$NA              | \$0.49      | \$825.10                            | \$0.54            | \$NA              | \$0.59      |

|    |    |      |            |       |      |       |            |        |      |
|----|----|------|------------|-------|------|-------|------------|--------|------|
| 42 | N4 | 8.56 | 3.43       | NA    | 0.43 | 14.50 | 4.23       | NA     | 0.52 |
| 43 | N3 | 4.25 | 4.48       | 89.01 | NA   | 7.88  | 5.49       | 106.94 | NA   |
| 44 | N2 | 4.25 | 5.47       | 1.93  | NA   | 7.88  | 6.62       | 2.30   | NA   |
| 45 | N1 | 3.86 | 0.0239/kwh | 1.93  | NA   | 5.67  | 0.0222/kwh | 2.66   | NA   |
| 46 | R2 | 4.04 | 3.53       | 1.55  | NA   | 7.88  | 6.62       | 2.30   | NA   |
| 47 | R1 | 3.40 | 0.0179/kwh | 2.23  | NA   | 5.67  | 0.0222/kwh | 2.66   | NA   |

**Monthly Meter Service Charges**

| <u>Staff Recommended</u>          |            | <u>CILCO Proposed</u> |            |
|-----------------------------------|------------|-----------------------|------------|
| (Supplemental Rebuttal Testimony) |            | (Revised Exhibit 2.2) |            |
| <u>CILCO</u>                      | <u>MSP</u> | <u>CILCO</u>          | <u>MSP</u> |

**Non-Transformer-Rated Metering**

|                          |        |        |         |         |
|--------------------------|--------|--------|---------|---------|
| Kwh Meter-Single Phase   | \$2.12 | \$0.00 | \$ 1.43 | \$ 0.00 |
| Kwh Meter-Three Phase    | 7.53   | 0.00   | 5.11    | 0.00    |
| Kw Meter-Single/Three Ph | 5.98   | 0.00   | 4.05    | 0.00    |

**Transformer-Rated Metering – Non-Interval**

|                        |         |        |          |         |
|------------------------|---------|--------|----------|---------|
| Kw TOU Meter-S/T Ph    | \$13.43 | \$6.08 | \$ 12.83 | \$ 7.84 |
| Kw Meter-Three Phase   | 13.96   | 6.55   | 13.47    | 8.43    |
| Kw Meter-Three Ph 480v | 19.45   | 11.92  | 20.47    | 15.35   |
| Kw Meter-Primary       | 97.66   | 90.13  | 121.25   | 116.13  |

**Transformer-Rated Metering - Interval**

|                      |          |         |          |          |
|----------------------|----------|---------|----------|----------|
| Meter-Secondary      | \$ 97.21 | \$13.29 | \$ 70.58 | \$ 14.52 |
| Meter 5kv – Primary  | 191.23   | 100.86  | 172.80   | 100.86   |
| Meter 15kv – Primary | 238.34   | 153.64  | 219.91   | 153.64   |
| Meter 34.5kv or 69kv |          |         |          |          |
| Subtransmission      | 625.00   | 534.61  | 606.57   | 534.61   |
| Meter 138kv –        |          |         |          |          |
| Transmission         | 1435.28  | 1331.35 | 1435.28  | 1331.35  |

Schedule 3 provides recommended revenue requirement assignment by DST  
rate classification.

76 Q. Please summarize your conclusions.

77 A. My recommendations for modifications to CILCO's proposed DST rates and  
78 charges are shown in Schedules 1 and 2 of my supplemental rebuttal testimony.

79 The rates and charges include Staff's recommended revenue requirement and  
80 rate of return, use of CILCO allocator AF1 for allocating general plant and  
81 Federal Energy Regulatory Commission Administrative and General (A&G)  
82 accounts 920-935 to distribution, use of CILCO allocator AF1 to allocate common  
83 plant expenses to distribution, and rate design revisions as recommended in my  
84 direct and rebuttal testimony.

85  
86 Q. Does this conclude your supplemental rebuttal testimony?

87 A. Yes.

28-Dec-01

**SECONDARY SERVICE DEMAND RATES - R2 AND N2**

|  | LARGE<br>RESIDENTIAL<br>RATE 2 DST<br>(3) | INTERMEDIATE<br>SERV SECOND<br>RATE 21 DST<br>(10) | GENERAL<br>SERV SECOND<br>RATE 13 DST<br>FROM RATE CALC<br>GREATER THAN 5KW |                     |                                |                           |
|--|---|--|---|---------------------|--------------------------------|---------------------------|
| CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT |   |  |   |                     |                                |                           |
| RATE OF RETURN   | 8.68%                                     | 8.68%  | 8.68%   | DEVELOPMENT OF RATE |                                |                           |
| REVENUES REQUIRED  |   |  |   | CUSTOMER            | N2<br>DEMAND<br>LESS THAN 1000 | N3<br>DEMAND<br>OVER 1000 |
| 1 DEMAND COMPONENTS  | \$244,951                                 | \$411,921  |   |                     |                                |                           |
| 2 DEMAND PRODUCTION  | \$0                                       | \$0  |   |                     |                                |                           |
| 3 DEMAND TRANSMISSION                                      | \$0                                       | \$0  |   |                     |                                |                           |
| 4 DEMAND TRANSMISSION OTHER                                | \$0                                       | \$0  |   |                     |                                |                           |
| 5 DEMAND TRANSM LOAD DISPATCHING                           | \$0                                       | \$0  |   |                     |                                |                           |
| 6 DEMAND DISTRIBUTION                                      | \$244,951                                 | \$411,921  |   |                     |                                |                           |
| 7 DEMAND SUBTRANSMISSION                                   | \$17,994                                  | \$37,840   | 1,213,969   |                     | 1,213,969                      | \$37,840                  |
| 8 DEMAND SUBTRANSM SUBSTATIONS                             | \$12,443                                  | \$26,166   | 839,451   |                     | 839,451                        | \$26,166                  |
| 9 DEMAND DIRECT ASSIGN SUBSTATIONS                         | \$0                                       | \$0  | 0   |                     | 0                              | \$0                       |
| 10 DEMAND DISTR PRIMARY SUBSTATIONS                        | \$25,565                                  | \$53,763   | 1,724,803   |                     | 1,724,803                      | \$53,763                  |
| 11 DEMAND DISTRIBUTION PRIMARY                             | \$107,951                                 | \$227,017  | 7,283,037   |                     | 7,283,037                      | \$227,017                 |
| 12 DEMAND DISTRIBUTION SECONDARY                           | \$49,370                                  | \$0  | 3,330,807   |                     | 3,330,807                      | \$0                       |
| 13 DEMAND DISTRIB LOAD DISPATCHING                         | \$3,646                                   | \$9,096  | 119,085   |                     | 119,085                        | \$9,096                   |
| 14 DEMAND DISTRIB ADD'L FACILITIES REV                     | \$0                                       | (\$808)  | 0   |                     | 0                              | (\$808)                   |
| 15 DEMAND DISTRIBUTION TRANSFORMERS                        | \$27,983                                  | \$58,847   | 1,887,896   |                     | 1,887,896                      | \$58,847                  |
| 16 DEMAND DISTRIBUTION SERVICES                            | \$0                                       | \$0  | 0   |                     | 0                              | \$0                       |
| 17 ENERGY COMPONENTS                                       | \$0                                       | \$0  | 0   |                     |                                |                           |
| 18 CUSTOMER COMPONENTS                                     | \$50,090                                  | \$51,162   | 0   |                     |                                |                           |
| 19 370 - METERS SINGLE PHASE SEC - Cust Chrg               | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 20 371 - METERS SINGLE PHASE SEC - MS Rider                | \$7,899                                   | \$0  | 156,715   | 0                   |                                |                           |
| 21 370 - METERS SECONDARY - Cust Chrg                      | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 22 371 - METERS SECONDARY - MS Rider                       | \$2,216                                   | \$4,360  | 53,214  | 0                   |                                |                           |
| 23 370 - METERS PRIMARY - Cust Chrg                        | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 24 371 - METERS PRIMARY - MS Rider                         | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 25 370 - METERS PRIMARY SUBSTATION - Cust Chrg             | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 26 371 - METERS PRIMARY SUBSTATION - MS Rider              | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 27 370 - METERS SUBTRANSMISSION - Cust Chrg                | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 28 371 - METERS SUBTRANSMISSION - MS Rider                 | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 29 370 - METERS TRANSMISSION - Cust Chrg                   | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 30 371 - METERS TRANSMISSION - MS Rider                    | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 31 902 - METER READING - Cust Chrg                         | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 32 903 - METER READING - MS Rider                          | \$4,425                                   | \$8,740  | 121,101   | 0                   |                                |                           |
| 33 903 - CUST RECORDS & COLL                               | \$12,019                                  | \$14,550   | 331,358   | 345,908             |                                |                           |
| 34 904 - UNCOLLECTIBLE ACCOUNTS                            | \$261                                     | \$0  | 28,053  | 28,053              |                                |                           |
| 35 908 - CUSTOMER ASSISTANCE                               | \$5,662                                   | \$8,686  | 139,362   | 148,048             |                                |                           |
| 36 909 - INFORMATION & INSTRUCT                            | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 37 CUSTOMER BLACK START                                    | \$238                                     | \$593  | 5,407   | 6,000               |                                |                           |
| 38 CUST MTR REG OBLIG - Customer Charge                    | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 39 CUST MTR REG OBLIG - MS Rider                           | \$6,962                                   | \$241  | 176,667   |                     |                                |                           |
| 40 CUST METERS INSTR TRANSF                                | \$5,228                                   | \$2,491  | 0   |                     |                                |                           |
| 41 CUST SERVICES   | \$6,953                                   | \$11,749   | 239,478   |                     |                                |                           |
| 42 373 - STR LIGHT & OUTDOOR LIGHT                         | \$0                                       | \$0  | 0   |                     |                                |                           |
| 43 CUSTOMER ADVANCES FOR CONSTR                            | -\$1,101                                  | \$0  | -59,695   |                     | (59,695)                       | \$0                       |
| 44 CUSTOMER DEPOSITS                                       | -\$97                                     | \$0  | -10,481   |                     | (10,481)                       | \$0                       |
| 45 450 - LATE PAYMENT CHARGES                              | -\$573                                    | (\$247)  | -30,162   |                     | (30,162)                       | (\$247)                   |
| 46 TOTAL COMPANY   | \$18,180                                  | \$463,084  | 17,550,066  | \$528,009           | \$16,298,709                   | \$411,674                 |
| 47 ANNUAL BOOKED KWH SALES                                 | 17,366,175                                | 43,368,239   | 559,843,943   |                     |                                |                           |
| 48 TOTAL ANNUAL BILLS                                      | 4,500                                     | 132  | 124,200   | 124,332             |                                |                           |
| 49 BILLING DEMANDS   | 68,906                                    | 91,794   | 2,980,438   |                     | 2,980,438                      | 91,794                    |
| 50   | 375                                       |  |   |                     |                                |                           |
| 51 CUSTOMER CHARGE   |   | Customer Charge: N2 & N3:                          | \$4.25  |                     | \$5.47                         | \$4.48                    |
| (WITHOUT METERING COSTS)                                   |   | Customer Charge: R2:                               | \$4.04  | R2 Demand Charge:   |                                | \$3.53                    |
|  |   | \$246,431  | \$11,749  |                     | \$/KW-MONTHLY BILLING          |                           |
| 52 MONTHLY ACCESS CHARGE                                   |   | Access Charge:                                     |   |                     | \$1.91                         | \$89.01                   |
|  |   | R2: N2: N3:  |   |                     |                                |                           |
|  |   | \$1.55 \$1.93 \$89.01                              |   |                     |                                |                           |
| Meter Services Rider Revenue Requirements:                 |   |  |   | Total               |                                |                           |
| 371 - METERS SINGLE PHASE SEC - MS Rider                   | 7,899                                     | 0  | 156,715   | 164,614             |                                |                           |
| 371 - METERS SECONDARY - MS Rider                          | 2,216                                     | 4,360  | 53,214  | 59,790              |                                |                           |
| 371 - METERS PRIMARY - MS Rider                            | 0   | 0  | 0   | 0                   |                                |                           |
| 371 - METERS PRIMARY SUBSTATION - MS Rider                 | 0   | 0  | 0   | 0                   |                                |                           |
| 371 - METERS SUBTRANSMISSION - MS Rider                    | 0   | 0  | 0   | 0                   |                                |                           |
| 371 - METERS TRANSMISSION - MS Rider                       | 0   | 0  | 0   | 0                   |                                |                           |
| 903 - METER READING - MS Rider                             | 4,425                                     | 8,740  | 121,101   | 134,266             |                                |                           |
| CUST MTR REG OBLIG - MS Rider                              | 6,962                                     | 241  | 176,667   | 183,870             |                                |                           |
| CUST METERS INSTR TRANSF                                   | 5,228                                     | 2,491  | 0   | 7,719               |                                |                           |
|  | 26,730                                    | 15,832   | 507,698   | 550,260             |                                |                           |

Check:  
Revenue Requirement by Old Class \$18,031,330.07  
Revenue Requirement by New Class \$18,046,833.07

28-Dec-01

**PRIMARY DEMAND RATE - N4**

INTERMEDIATE  
SERV PRIMARY  
RATE 21 DST  
(11)  
GENERAL  
SERVICE PRI  
RATE 13 DST  
(8)

CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT

| RATE OF RETURN    |   | 8.68%               | 8.68%               | DEVELOPMENT OF RATE |                     |
|-------------------|---|---------------------|---------------------|---------------------|---------------------|
| REVENUES REQUIRED |   |                     |                     | CUSTOMER            | DEMAND              |
| 1                 | <b>DEMAND COMPONENTS</b>                      | \$3,579,866         | 0                   |                     |                     |
| 2                 | DEMAND PRODUCTION                             | \$0                 | 0                   |                     |                     |
| 3                 | DEMAND TRANSMISSION                           | \$0                 | 0                   |                     |                     |
| 4                 | DEMAND TRANSMISSION OTHER                     | \$0                 | 0                   |                     |                     |
| 5                 | DEMAND TRANSM LOAD DISPATCHING                | \$0                 | 0                   |                     |                     |
| 6                 | DEMAND DISTRIBUTION                           | \$3,579,866         | 0                   |                     |                     |
| 7                 | DEMAND SUBTRANSMISSION                        | \$383,225           | 1,157,145           |                     | 1,540,369           |
| 8                 | DEMAND SUBTRANSM SUBSTATIONS                  | \$264,997           | 814,208             |                     | 1,079,205           |
| 9                 | DEMAND DIRECT ASSIGN SUBSTATIONS              | \$19,475            | 30,169              |                     | 49,644              |
| 10                | DEMAND DISTR PRIMARY SUBSTATIONS              | \$501,456           | 1,644,066           |                     | 2,145,522           |
| 11                | DEMAND DISTRIBUTION PRIMARY                   | \$2,219,222         | 7,064,033           |                     | 9,283,255           |
| 12                | DEMAND DISTRIBUTION SECONDARY                 | \$0                 | 0                   |                     | 0                   |
| 13                | DEMAND DISTRIB LOAD DISPATCHING               | \$108,663           | 215,022             |                     | 323,685             |
| 14                | DEMAND DISTRIB ADD'L FACILITIES REV           | (\$31,683)          | (111,016)           |                     | (142,699)           |
| 15                | DEMAND DISTRIBUTION TRANSFORMERS              | \$114,512           | 1,680,640           |                     |                     |
| 16                | DEMAND DISTRIBUTION SERVICES                  | \$0                 | 0                   |                     |                     |
| 17                | <b>ENERGY COMPONENTS</b>                      | \$0                 | 0                   |                     |                     |
| 18                | <b>CUSTOMER COMPONENTS</b>                    | \$321,799           | 0                   |                     |                     |
| 19                | 370 - METERS SINGLE PHASE SEC - Cust Chrg     | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS SINGLE PHASE SEC - MS Rider      | \$0                 | 0                   |                     |                     |
| 20                | 370 - METERS SECONDARY - Cust Chrg            | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS SECONDARY - MS Rider             | \$11,067            | 205,094             |                     |                     |
| 21                | 370 - METERS PRIMARY - Cust Chrg              | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS PRIMARY - MS Rider               | \$12,073            | 2,749               |                     |                     |
| 22                | 370 - METERS PRIMARY SUBSTATION - Cust Chrg   | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS PRIMARY SUBSTATION - MS Rider    | \$0                 | 0                   |                     |                     |
| 23                | 370 - METERS SUBTRANSMISSION - Cust Chrg      | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS SUBTRANSMISSION - MS Rider       | \$0                 | 0                   |                     |                     |
| 24                | 370 - METERS TRANSMISSION - Cust Chrg         | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS TRANSMISSION - MS Rider          | \$0                 | 0                   |                     |                     |
| 25                | 902 - METER READING - Cust Chrg               | \$0                 | 0                   | 0                   |                     |
|                   | 903 - METER READING - MS Rider                | \$46,390            | 73,082              |                     |                     |
| 26                | 903 - CUST RECORDS & COLL                     | \$77,308            | 202,151             | 279,459             |                     |
| 27                | 904 - UNCOLLECTIBLE ACCOUNTS                  | \$0                 | 0                   | 0                   |                     |
| 28                | 908 - CUSTOMER ASSISTANCE                     | \$103,353           | 244,017             | 347,370             |                     |
| 29                | 909 - INFORMATION & INSTRUCT                  | \$0                 | 0                   | 0                   |                     |
| 30                | CUSTOMER BLACK START                          | \$7,089             | 14,269              | 21,358              |                     |
| 31                | CUST MTR REG OBLIG - Customer Charge          | \$0                 | 0                   | 0                   |                     |
| 32                | CUST MTR REG OBLIG - MS Rider                 | \$1,280             | 111,914             |                     |                     |
|                   | CUST METERS INSTR TRANSF                      | \$64,605            | 427,050             |                     |                     |
| 33                | CUST SERVICES                                 | \$0                 | 0                   | 0                   | 0                   |
| 34                | 373 - STR LIGHT & OUTDOOR LIGHT               | \$0                 | 0                   |                     |                     |
| 35                | CUSTOMER ADVANCES FOR CONSTR                  | \$0                 | (24,645)            |                     | (24,645)            |
| 36                | CUSTOMER DEPOSITS                             | \$0                 | (0)                 |                     | (0)                 |
| 37                | 450 - LATE PAYMENT CHARGES                    | (\$1,367)           | (12,452)            |                     | (13,819)            |
| 38                |   |                     |                     |                     | 0                   |
| 39                | <b>TOTAL COMPANY</b>                          | <b>\$3,901,664</b>  | <b>\$13,737,497</b> | <b>\$648,188</b>    | <b>\$14,240,517</b> |
| 40                | ANNUAL BOOKED KWH SALES                       | 531,100,888         | 1,036,014,295       |                     |                     |
| 41                | TOTAL ANNUAL BILLS                            | 732                 | 74,952              | 75,684              |                     |
| 42                | <b>BILLING DEMANDS</b>                        | <b>1,042,249</b>    | <b>3,103,997</b>    |                     | <b>4,146,246</b>    |
|                   | Meters  | 69                  | 6,246               |                     |                     |
| 43                | <b>CUSTOMER CHARGE &amp; DELIVERY CHARGE</b>  |                     |                     | <b>\$8.56</b>       | <b>\$3.43</b>       |
|                   | (WITHOUT METERING COSTS)                      |                     |                     | MONTHLY             | \$/KW-BILLING       |
| 44                | <b>MONTHLY ACCESS CHARGE - Not Applicable</b> |                     |                     |                     |                     |
|                   | <b>MONTHLY FACILITY CHARGE</b>                | <b>\$ 1,795,153</b> |                     |                     | <b>0.43</b>         |
|                   | Meter Services Rider Revenue Requirements:    |                     |                     | \$/Kw               | Total               |
|                   | 371 - METERS SINGLE PHASE SEC - MS Rider      | 0                   | 0                   |                     | 0                   |
|                   | 371 - METERS SECONDARY - MS Rider             | 11,067              | 205,094             |                     | 216,161             |
|                   | 371 - METERS PRIMARY - MS Rider               | 12,073              | 2,749               |                     | 14,822              |
|                   | 371 - METERS PRIMARY SUBSTATION - MS Rider    | 0                   | 0                   |                     | 0                   |
|                   | 371 - METERS SUBTRANSMISSION - MS Rider       | 0                   | 0                   |                     | 0                   |
|                   | 371 - METERS TRANSMISSION - MS Rider          | 0                   | 0                   |                     | 0                   |
|                   | 903 - METER READING - MS Rider                | 46,390              | 73,082              |                     | 119,472             |
|                   | CUST MTR REG OBLIG - MS Rider                 | 1,280               | 111,914             |                     | 113,194             |
|                   | CUST METERS INSTR TRANSF                      | 64,605              | 427,050             |                     | 491,655             |
|                   |   | 135,415             | 819,889             |                     | 955,304             |

Check:  
Revenue Requirement by Old Class \$ 17,639,162  
Revenue Requirement by New Class \$ 17,639,162



28-Dec-01

**SUBTRANSMISSION DEMAND RATE - N5**

|  | INTERMEDIATE<br>SERV SUBTRNS<br>RATE 21 DST<br>(12) | CONTRACT<br>SUBTRANSM<br>RATE 32 DST<br>(17) | GENERAL<br>SERVICE PRI<br>RATE 13 DST<br>(8) |                  |                  |
|--|---|--|--|------------------|------------------|
| CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT |   |  |  | Subtransmission  |                  |
| RATE OF RETURN   | 8.68%   | 8.68%  | 8.68%  |                  |                  |
| REVENUES REQUIRED  |   |  |  |                  |                  |
|  |   |  |  | <b>CUSTOMER</b>  | <b>DEMAND</b>    |
| 1 <b>DEMAND COMPONENTS</b>                                 | \$889,771   | \$46,264                                     |  |                  |                  |
| 2 <b>DEMAND PRODUCTION</b>                                 | \$0   | \$0  |  |                  |                  |
| 3 <b>DEMAND TRANSMISSION</b>                               | \$0   | \$0  |  |                  |                  |
| 4 DEMAND TRANSMISSION OTHER                                | \$0   | \$0  |  |                  |                  |
| 5 DEMAND TRANSM LOAD DISPATCHING                           | \$0   | \$0  |  |                  |                  |
| 6 <b>DEMAND DISTRIBUTION</b>                               | \$889,771   | \$46,264                                     |  |                  |                  |
| 7 DEMAND SUBTRANSMISSION                                   | \$314,953   | \$39,416                                     | \$20,320                                     |                  | \$374,690        |
| 8 DEMAND SUBTRANSM SUBSTATIONS                             | \$0   | \$0  | \$0  |                  | \$0              |
| 9 <b>DEMAND DIRECT ASSIGN SUBSTATIONS</b>                  | <b>\$480,658</b>                                    | <b>\$0</b>                                   | <b>\$45,253</b>                              |                  | <b>\$0</b>       |
| 10 DEMAND DISTR PRIMARY SUBSTATIONS                        | \$0   | \$0  | \$0  |                  | \$0              |
| 11 DEMAND DISTRIBUTION PRIMARY                             | \$0   | \$0  | \$0  |                  | \$0              |
| 12 DEMAND DISTRIBUTION SECONDARY                           | \$0   | \$0  | \$0  |                  | \$0              |
| 13 DEMAND DISTRIB LOAD DISPATCHING                         | \$97,801  | \$6,848                                      | \$3,776                                      |                  | \$108,425        |
| 14 DEMAND DISTRIB ADD'L FACILITIES REV                     | (\$3,641)   | \$0  | (\$1,950)                                    |                  | (\$5,590)        |
| 15 DEMAND DISTRIBUTION TRANSFORMERS                        | (\$0)   | \$0  | \$0  |                  | (\$0)            |
| 16 DEMAND DISTRIBUTION SERVICES                            | (\$0)   | \$0  | \$0  |                  |                  |
| 17 <b>ENERGY COMPONENTS</b>                                | <b>\$0</b>  | <b>\$0</b>                                   |  |                  |                  |
| 18 <b>CUSTOMER COMPONENTS</b>                              | <b>\$175,907</b>                                    | <b>\$10,712</b>                              |  |                  |                  |
| 19 370 - METERS SINGLE PHASE SEC - Cust Chrg               | (\$0)   | \$0  | \$0  |                  |                  |
| 20 371 - METERS SINGLE PHASE SEC - MS Rider                | \$0   | \$0  | \$0  |                  |                  |
| 370 - METERS SECONDARY - Cust Chrg                         | \$0   | \$0  | \$0  | 0                |                  |
| 371 - METERS SECONDARY - MS Rider                          | \$671   | \$0  | \$0  |                  |                  |
| 370 - METERS PRIMARY - Cust Chrg                           | \$0   | \$0  | \$0  | 0                |                  |
| 371 - METERS PRIMARY - MS Rider                            | \$0   | \$0  | \$0  |                  |                  |
| 370 - METERS PRIMARY SUBSTATION - Cust Chrg                | \$0   | \$0  | \$0  | 0                |                  |
| 371 - METERS PRIMARY SUBSTATION - MS Rider                 | \$5,031   | \$335  | \$0  |                  |                  |
| 370 - METERS SUBTRANSMISSION - Cust Chrg                   | \$0   | \$0  | \$0  | 0                |                  |
| 371 - METERS SUBTRANSMISSION - MS Rider                    | \$671   | \$0  | \$0  | 0                |                  |
| 370 - METERS TRANSMISSION - Cust Chrg                      | \$0   | \$0  | \$0  | 0                |                  |
| 371 - METERS TRANSMISSION - MS Rider                       | \$0   | \$0  | \$0  |                  |                  |
| 902 - METER READING - Cust Chrg                            | \$0   | \$0  | \$0  | 0                |                  |
| 903 - METER READING - MS Rider                             | \$12,774  | \$672  | \$23   |                  |                  |
| 903 - CUST RECORDS & COLL                                  | \$21,294  | \$1,124                                      | \$65   | 22,483           |                  |
| 904 - UNCOLLECTIBLE ACCOUNTS                               | \$0   | \$0  | \$0  | 0                |                  |
| 908 - CUSTOMER ASSISTANCE                                  | \$92,799  | \$6,496                                      | \$78   | 99,373           |                  |
| 909 - INFORMATION & INSTRUCT                               | \$0   | \$0  | \$0  | 0                |                  |
| CUSTOMER BLACK START                                       | \$6,381   | \$447  | \$5  | 6,833            |                  |
| CUST MTR REG OBLIG - Customer Charge                       | \$0   | \$0  | \$0  | 0                |                  |
| CUST MTR REG OBLIG - MS Rider                              | \$352   | \$19   | \$36   |                  |                  |
| CUST METERS INSTR TRANSF                                   | \$35,935  | \$1,619                                      | \$137  |                  |                  |
| CUST SERVICES  | \$0   | \$0  | \$0  |                  |                  |
| 373 - STR LIGHT & OUTDOOR LIGHT                            | \$0   | \$0  | \$0  |                  |                  |
| CUSTOMER ADVANCES FOR CONSTR                               | \$0   | \$0  | (\$433)                                      |                  | (\$433)          |
| CUSTOMER DEPOSITS  | \$0   | \$0  | (\$0)  |                  | (\$0)            |
| 450 - LATE PAYMENT CHARGES                                 | \$0   | \$0  | (\$219)                                      |                  | (\$219)          |
| 39 <b>TOTAL COMPANY</b>                                    | <b>\$1,065,679</b>                                  | <b>\$56,976</b>                              | <b>\$67,092</b>                              | <b>\$128,688</b> | <b>\$476,873</b> |
| 40 ANNUAL BOOKED KWH SALES                                 | 482,876,641   | 33,885,876                                   | 10,701,600                                   |                  |                  |
| 41 TOTAL ANNUAL BILLS                                      | 204   | 12   | 24   | 240              |                  |
| 42 <b>BILLING DEMANDS</b>                                  | <b>893,452</b>                                      | <b>125,917</b>                               | <b>64,496</b>                                |                  | <b>1,083,865</b> |
| 43 <b>CUSTOMER CHARGE</b><br>( WITHOUT METERING COSTS )    |   |  |  | <b>\$536.20</b>  | <b>\$0.44</b>    |
| 45 <b>MONTHLY FACILITIES CHARGE</b><br>( subtransmission ) | <b>\$525,911</b>                                    |  |  | <b>\$0.49</b>    |                  |

|  |        |       |     |        |
|--|--------|-------|-----|--------|
| Meter Services Rider Revenue Requirements: |        |       |     | Total  |
| 371 - METERS SINGLE PHASE SEC - MS Rider   | 0      | 0     | 0   | 0      |
| 371 - METERS SECONDARY - MS Rider          | 671    | 0     | 0   | 671    |
| 371 - METERS PRIMARY - MS Rider            | 0      | 0     | 0   | 0      |
| 371 - METERS PRIMARY SUBSTATION - MS Rider | 5,031  | 335   | 0   | 5,366  |
| 371 - METERS SUBTRANSMISSION - MS Rider    | 671    | 0     | 0   | 671    |
| 371 - METERS TRANSMISSION - MS Rider       | 0      | 0     | 0   | 0      |
| 903 - METER READING - MS Rider             | 12,774 | 672   | 23  | 13,469 |
| CUST MTR REG OBLIG - MS Rider              | 352    | 19    | 36  | 407    |
| CUST METERS INSTR TRANSF                   | 35,935 | 1,619 | 137 | 37,691 |
|  | 55,434 | 2,645 | 196 | 58,275 |

Check:  
Revenue Requirement by Old Class \$1,189,747  
Revenue Requirement by New Class \$1,189,747

28-Dec-01

**SECONDARY SERVICE DEMAND RATES - R2 AND N2**

|  | LARGE<br>RESIDENTIAL<br>RATE 2 DST<br>(3) | INTERMEDIATE<br>SERV SECOND<br>RATE 21 DST<br>(10) | GENERAL<br>SERV SECOND<br>RATE 13 DST<br>FROM RATE CALC<br>GREATER THAN 5KW |                     |                                |                           |
|--|---|--|---|---------------------|--------------------------------|---------------------------|
| CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT |   |  |   |                     |                                |                           |
| RATE OF RETURN   | 8.68%                                     | 8.68%  | 8.68%   | DEVELOPMENT OF RATE |                                |                           |
| REVENUES REQUIRED  |   |  |   | CUSTOMER            | N2<br>DEMAND<br>LESS THAN 1000 | N3<br>DEMAND<br>OVER 1000 |
| 1 DEMAND COMPONENTS  | \$244,951                                 | \$411,921  |   |                     |                                |                           |
| 2 DEMAND PRODUCTION  | \$0                                       | \$0  |   |                     |                                |                           |
| 3 DEMAND TRANSMISSION                                      | \$0                                       | \$0  |   |                     |                                |                           |
| 4 DEMAND TRANSMISSION OTHER                                | \$0                                       | \$0  |   |                     |                                |                           |
| 5 DEMAND TRANSM LOAD DISPATCHING                           | \$0                                       | \$0  |   |                     |                                |                           |
| 6 DEMAND DISTRIBUTION                                      | \$244,951                                 | \$411,921  |   |                     |                                |                           |
| 7 DEMAND SUBTRANSMISSION                                   | \$17,994                                  | \$37,840   | 1,213,969   |                     | 1,213,969                      | \$37,840                  |
| 8 DEMAND SUBTRANSM SUBSTATIONS                             | \$12,443                                  | \$26,166   | 839,451   |                     | 839,451                        | \$26,166                  |
| 9 DEMAND DIRECT ASSIGN SUBSTATIONS                         | \$0                                       | \$0  | 0   |                     | 0                              | \$0                       |
| 10 DEMAND DISTR PRIMARY SUBSTATIONS                        | \$25,565                                  | \$53,763   | 1,724,803   |                     | 1,724,803                      | \$53,763                  |
| 11 DEMAND DISTRIBUTION PRIMARY                             | \$107,951                                 | \$227,017  | 7,283,037   |                     | 7,283,037                      | \$227,017                 |
| 12 DEMAND DISTRIBUTION SECONDARY                           | \$49,370                                  | \$0  | 3,330,807   |                     | 3,330,807                      | \$0                       |
| 13 DEMAND DISTRIB LOAD DISPATCHING                         | \$3,646                                   | \$9,096  | 119,085   |                     | 119,085                        | \$9,096                   |
| 14 DEMAND DISTRIB ADD'L FACILITIES REV                     | \$0                                       | (\$808)  | 0   |                     | 0                              | (\$808)                   |
| 15 DEMAND DISTRIBUTION TRANSFORMERS                        | \$27,983                                  | \$58,847   | 1,887,896   |                     | 1,887,896                      | \$58,847                  |
| 16 DEMAND DISTRIBUTION SERVICES                            | \$0                                       | \$0  | 0   |                     | 0                              | \$0                       |
| 17 ENERGY COMPONENTS                                       | \$0                                       | \$0  | 0   |                     |                                |                           |
| 18 CUSTOMER COMPONENTS                                     | \$50,090                                  | \$51,162   | 0   |                     |                                |                           |
| 19 370 - METERS SINGLE PHASE SEC - Cust Chrg               | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 20 371 - METERS SINGLE PHASE SEC - MS Rider                | \$7,899                                   | \$0  | 156,715   | 0                   |                                |                           |
| 21 370 - METERS SECONDARY - Cust Chrg                      | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 22 371 - METERS SECONDARY - MS Rider                       | \$2,216                                   | \$4,360  | 53,214  | 0                   |                                |                           |
| 23 370 - METERS PRIMARY - Cust Chrg                        | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 24 371 - METERS PRIMARY - MS Rider                         | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 25 370 - METERS PRIMARY SUBSTATION - Cust Chrg             | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 26 371 - METERS PRIMARY SUBSTATION - MS Rider              | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 27 370 - METERS SUBTRANSMISSION - Cust Chrg                | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 28 371 - METERS SUBTRANSMISSION - MS Rider                 | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 29 370 - METERS TRANSMISSION - Cust Chrg                   | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 30 371 - METERS TRANSMISSION - MS Rider                    | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 31 902 - METER READING - Cust Chrg                         | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 32 903 - METER READING - MS Rider                          | \$4,425                                   | \$8,740  | 121,101   | 0                   |                                |                           |
| 33 903 - CUST RECORDS & COLL                               | \$12,019                                  | \$14,550   | 331,358   | 345,908             |                                |                           |
| 34 904 - UNCOLLECTIBLE ACCOUNTS                            | \$261                                     | \$0  | 28,053  | 28,053              |                                |                           |
| 35 908 - CUSTOMER ASSISTANCE                               | \$5,662                                   | \$8,686  | 139,362   | 148,048             |                                |                           |
| 36 909 - INFORMATION & INSTRUCT                            | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 37 CUSTOMER BLACK START                                    | \$238                                     | \$593  | 5,407   | 6,000               |                                |                           |
| 38 CUST MTR REG OBLIG - Customer Charge                    | \$0                                       | \$0  | 0   | 0                   |                                |                           |
| 39 CUST MTR REG OBLIG - MS Rider                           | \$6,962                                   | \$241  | 176,667   |                     |                                |                           |
| 40 CUST METERS INSTR TRANSF                                | \$5,228                                   | \$2,491  | 0   |                     |                                |                           |
| 41 CUST SERVICES   | \$6,953                                   | \$11,749   | 239,478   |                     |                                |                           |
| 42 373 - STR LIGHT & OUTDOOR LIGHT                         | \$0                                       | \$0  | 0   |                     |                                |                           |
| 43 CUSTOMER ADVANCES FOR CONSTR                            | -\$1,101                                  | \$0  | -59,695   |                     | (59,695)                       | \$0                       |
| 44 CUSTOMER DEPOSITS                                       | -\$97                                     | \$0  | -10,481   |                     | (10,481)                       | \$0                       |
| 45 450 - LATE PAYMENT CHARGES                              | -\$573                                    | (\$247)  | -30,162   |                     | (30,162)                       | (\$247)                   |
| 46 TOTAL COMPANY   | \$18,180                                  | \$463,084  | 17,550,066  | \$528,009           | \$16,298,709                   | \$411,674                 |
| 47 ANNUAL BOOKED KWH SALES                                 | 17,366,175                                | 43,368,239   | 559,843,943   |                     |                                |                           |
| 48 TOTAL ANNUAL BILLS                                      | 4,500                                     | 132  | 124,200   | 124,332             |                                |                           |
| 49 BILLING DEMANDS   | 68,906                                    | 91,794   | 2,980,438   |                     | 2,980,438                      | 91,794                    |
| 50   | 375                                       |  |   |                     |                                |                           |
| 51 CUSTOMER CHARGE   |   | Customer Charge: N2 & N3:                          | \$4.25  |                     | \$5.47                         | \$4.48                    |
| (WITHOUT METERING COSTS)                                   |   | Customer Charge: R2:                               | \$4.04  | R2 Demand Charge:   |                                | \$3.53                    |
|  |   | \$246,431  | \$11,749  |                     | \$/KW-MONTHLY BILLING          |                           |
| 52 MONTHLY ACCESS CHARGE                                   |   | Access Charge:                                     |   |                     | \$1.91                         | \$89.01                   |
|  |   | R2: N2: N3:  |   |                     |                                |                           |
|  |   | \$1.55 \$1.93 \$89.01                              |   |                     |                                |                           |
| Meter Services Rider Revenue Requirements:                 |   |  |   | Total               |                                |                           |
| 371 - METERS SINGLE PHASE SEC - MS Rider                   | 7,899                                     | 0  | 156,715   | 164,614             |                                |                           |
| 371 - METERS SECONDARY - MS Rider                          | 2,216                                     | 4,360  | 53,214  | 59,790              |                                |                           |
| 371 - METERS PRIMARY - MS Rider                            | 0   | 0  | 0   | 0                   |                                |                           |
| 371 - METERS PRIMARY SUBSTATION - MS Rider                 | 0   | 0  | 0   | 0                   |                                |                           |
| 371 - METERS SUBTRANSMISSION - MS Rider                    | 0   | 0  | 0   | 0                   |                                |                           |
| 371 - METERS TRANSMISSION - MS Rider                       | 0   | 0  | 0   | 0                   |                                |                           |
| 903 - METER READING - MS Rider                             | 4,425                                     | 8,740  | 121,101   | 134,266             |                                |                           |
| CUST MTR REG OBLIG - MS Rider                              | 6,962                                     | 241  | 176,667   | 183,870             |                                |                           |
| CUST METERS INSTR TRANSF                                   | 5,228                                     | 2,491  | 0   | 7,719               |                                |                           |
|  | 26,730                                    | 15,832   | 507,698   | 550,260             |                                |                           |

Check:  
Revenue Requirement by Old Class \$18,031,330.07  
Revenue Requirement by New Class \$18,046,833.07

28-Dec-01

**PRIMARY DEMAND RATE - N4**

INTERMEDIATE  
SERV PRIMARY  
RATE 21 DST  
(11)  
GENERAL  
SERVICE PRI  
RATE 13 DST  
(8)

CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT

| RATE OF RETURN    |   | 8.68%               | 8.68%               | DEVELOPMENT OF RATE |                     |
|-------------------|---|---------------------|---------------------|---------------------|---------------------|
| REVENUES REQUIRED |   |                     |                     | CUSTOMER            | DEMAND              |
| 1                 | <b>DEMAND COMPONENTS</b>                      | \$3,579,866         | 0                   |                     |                     |
| 2                 | DEMAND PRODUCTION                             | \$0                 | 0                   |                     |                     |
| 3                 | DEMAND TRANSMISSION                           | \$0                 | 0                   |                     |                     |
| 4                 | DEMAND TRANSMISSION OTHER                     | \$0                 | 0                   |                     |                     |
| 5                 | DEMAND TRANSM LOAD DISPATCHING                | \$0                 | 0                   |                     |                     |
| 6                 | DEMAND DISTRIBUTION                           | \$3,579,866         | 0                   |                     |                     |
| 7                 | DEMAND SUBTRANSMISSION                        | \$383,225           | 1,157,145           |                     | 1,540,369           |
| 8                 | DEMAND SUBTRANSM SUBSTATIONS                  | \$264,997           | 814,208             |                     | 1,079,205           |
| 9                 | DEMAND DIRECT ASSIGN SUBSTATIONS              | \$19,475            | 30,169              |                     | 49,644              |
| 10                | DEMAND DISTR PRIMARY SUBSTATIONS              | \$501,456           | 1,644,066           |                     | 2,145,522           |
| 11                | DEMAND DISTRIBUTION PRIMARY                   | \$2,219,222         | 7,064,033           |                     | 9,283,255           |
| 12                | DEMAND DISTRIBUTION SECONDARY                 | \$0                 | 0                   |                     | 0                   |
| 13                | DEMAND DISTRIB LOAD DISPATCHING               | \$108,663           | 215,022             |                     | 323,685             |
| 14                | DEMAND DISTRIB ADD'L FACILITIES REV           | (\$31,683)          | (111,016)           |                     | (142,699)           |
| 15                | DEMAND DISTRIBUTION TRANSFORMERS              | \$114,512           | 1,680,640           |                     |                     |
| 16                | DEMAND DISTRIBUTION SERVICES                  | \$0                 | 0                   |                     |                     |
| 17                | <b>ENERGY COMPONENTS</b>                      | \$0                 | 0                   |                     |                     |
| 18                | <b>CUSTOMER COMPONENTS</b>                    | \$321,799           | 0                   |                     |                     |
| 19                | 370 - METERS SINGLE PHASE SEC - Cust Chrg     | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS SINGLE PHASE SEC - MS Rider      | \$0                 | 0                   |                     |                     |
| 20                | 370 - METERS SECONDARY - Cust Chrg            | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS SECONDARY - MS Rider             | \$11,067            | 205,094             |                     |                     |
| 21                | 370 - METERS PRIMARY - Cust Chrg              | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS PRIMARY - MS Rider               | \$12,073            | 2,749               |                     |                     |
| 22                | 370 - METERS PRIMARY SUBSTATION - Cust Chrg   | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS PRIMARY SUBSTATION - MS Rider    | \$0                 | 0                   |                     |                     |
| 23                | 370 - METERS SUBTRANSMISSION - Cust Chrg      | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS SUBTRANSMISSION - MS Rider       | \$0                 | 0                   |                     |                     |
| 24                | 370 - METERS TRANSMISSION - Cust Chrg         | \$0                 | 0                   | 0                   |                     |
|                   | 371 - METERS TRANSMISSION - MS Rider          | \$0                 | 0                   |                     |                     |
| 25                | 902 - METER READING - Cust Chrg               | \$0                 | 0                   | 0                   |                     |
|                   | 903 - METER READING - MS Rider                | \$46,390            | 73,082              |                     |                     |
| 26                | 903 - CUST RECORDS & COLL                     | \$77,308            | 202,151             | 279,459             |                     |
| 27                | 904 - UNCOLLECTIBLE ACCOUNTS                  | \$0                 | 0                   | 0                   |                     |
| 28                | 908 - CUSTOMER ASSISTANCE                     | \$103,353           | 244,017             | 347,370             |                     |
| 29                | 909 - INFORMATION & INSTRUCT                  | \$0                 | 0                   | 0                   |                     |
| 30                | CUSTOMER BLACK START                          | \$7,089             | 14,269              | 21,358              |                     |
| 31                | CUST MTR REG OBLIG - Customer Charge          | \$0                 | 0                   | 0                   |                     |
| 32                | CUST MTR REG OBLIG - MS Rider                 | \$1,280             | 111,914             |                     |                     |
|                   | CUST METERS INSTR TRANSF                      | \$64,605            | 427,050             |                     |                     |
| 33                | CUST SERVICES                                 | \$0                 | 0                   | 0                   | 0                   |
| 34                | 373 - STR LIGHT & OUTDOOR LIGHT               | \$0                 | 0                   |                     |                     |
| 35                | CUSTOMER ADVANCES FOR CONSTR                  | \$0                 | (24,645)            |                     | (24,645)            |
| 36                | CUSTOMER DEPOSITS                             | \$0                 | (0)                 |                     | (0)                 |
| 37                | 450 - LATE PAYMENT CHARGES                    | (\$1,367)           | (12,452)            |                     | (13,819)            |
| 38                |   |                     |                     |                     | 0                   |
| 39                | <b>TOTAL COMPANY</b>                          | <b>\$3,901,664</b>  | <b>\$13,737,497</b> | <b>\$648,188</b>    | <b>\$14,240,517</b> |
| 40                | ANNUAL BOOKED KWH SALES                       | 531,100,888         | 1,036,014,295       |                     |                     |
| 41                | TOTAL ANNUAL BILLS                            | 732                 | 74,952              | 75,684              |                     |
| 42                | <b>BILLING DEMANDS</b>                        | <b>1,042,249</b>    | <b>3,103,997</b>    |                     | <b>4,146,246</b>    |
|                   | Meters  | 69                  | 6,246               |                     |                     |
| 43                | <b>CUSTOMER CHARGE &amp; DELIVERY CHARGE</b>  |                     |                     | <b>\$8.56</b>       | <b>\$3.43</b>       |
|                   | (WITHOUT METERING COSTS)                      |                     |                     | MONTHLY             | \$/KW-BILLING       |
| 44                | <b>MONTHLY ACCESS CHARGE - Not Applicable</b> |                     |                     |                     |                     |
|                   | <b>MONTHLY FACILITY CHARGE</b>                | <b>\$ 1,795,153</b> |                     |                     | <b>0.43</b>         |
|                   | Meter Services Rider Revenue Requirements:    |                     |                     | \$/Kw               | Total               |
|                   | 371 - METERS SINGLE PHASE SEC - MS Rider      | 0                   | 0                   |                     | 0                   |
|                   | 371 - METERS SECONDARY - MS Rider             | 11,067              | 205,094             |                     | 216,161             |
|                   | 371 - METERS PRIMARY - MS Rider               | 12,073              | 2,749               |                     | 14,822              |
|                   | 371 - METERS PRIMARY SUBSTATION - MS Rider    | 0                   | 0                   |                     | 0                   |
|                   | 371 - METERS SUBTRANSMISSION - MS Rider       | 0                   | 0                   |                     | 0                   |
|                   | 371 - METERS TRANSMISSION - MS Rider          | 0                   | 0                   |                     | 0                   |
|                   | 903 - METER READING - MS Rider                | 46,390              | 73,082              |                     | 119,472             |
|                   | CUST MTR REG OBLIG - MS Rider                 | 1,280               | 111,914             |                     | 113,194             |
|                   | CUST METERS INSTR TRANSF                      | 64,605              | 427,050             |                     | 491,655             |
|                   |   | 135,415             | 819,889             |                     | 955,304             |

Check:  
Revenue Requirement by Old Class \$ 17,639,162  
Revenue Requirement by New Class \$ 17,639,162

28-Dec-01

**SUBTRANSMISSION DEMAND RATE - N5**

|  | INTERMEDIATE<br>SERV SUBTRNS<br>RATE 21 DST<br>(12) | CONTRACT<br>SUBTRANSM<br>RATE 32 DST<br>(17) | GENERAL<br>SERVICE PRI<br>RATE 13 DST<br>(8) |                  |
|--|---|--|--|------------------|
| CLAIMED RATE OF RETURN SUMMARY SCHEDULE - COMPONENT FORMAT |   |  |  |                  |
|  |   |  | Subtransmission                              |                  |
| RATE OF RETURN   | 8.68%   | 8.68%  | 8.68%  |                  |
| REVENUES REQUIRED  |   |  |  |                  |
|  |   |  |  | <b>CUSTOMER</b>  |
|  |   |  |  | <b>DEMAND</b>    |
| 1 <b>DEMAND COMPONENTS</b>                                 | \$889,771   | \$46,264                                     |  |                  |
| 2 <b>DEMAND PRODUCTION</b>                                 | \$0   | \$0  |  |                  |
| 3 <b>DEMAND TRANSMISSION</b>                               | \$0   | \$0  |  |                  |
| 4 DEMAND TRANSMISSION OTHER                                | \$0   | \$0  |  |                  |
| 5 DEMAND TRANSM LOAD DISPATCHING                           | \$0   | \$0  |  |                  |
| 6 <b>DEMAND DISTRIBUTION</b>                               | \$889,771   | \$46,264                                     |  |                  |
| 7 DEMAND SUBTRANSMISSION                                   | \$314,953   | \$39,416                                     | \$20,320                                     | \$374,690        |
| 8 DEMAND SUBTRANSM SUBSTATIONS                             | \$0   | \$0  | \$0  | \$0              |
| 9 <b>DEMAND DIRECT ASSIGN SUBSTATIONS</b>                  | \$480,658   | \$0  | \$45,253                                     | \$0              |
| 10 DEMAND DISTR PRIMARY SUBSTATIONS                        | \$0   | \$0  | \$0  | \$0              |
| 11 DEMAND DISTRIBUTION PRIMARY                             | \$0   | \$0  | \$0  | \$0              |
| 12 DEMAND DISTRIBUTION SECONDARY                           | \$0   | \$0  | \$0  | \$0              |
| 13 DEMAND DISTRIB LOAD DISPATCHING                         | \$97,801  | \$6,848                                      | \$3,776                                      | \$108,425        |
| 14 DEMAND DISTRIB ADD'L FACILITIES REV                     | (\$3,641)   | \$0  | (\$1,950)                                    | (\$5,590)        |
| 15 DEMAND DISTRIBUTION TRANSFORMERS                        | (\$0)   | \$0  | \$0  | (\$0)            |
| 16 DEMAND DISTRIBUTION SERVICES                            | (\$0)   | \$0  | \$0  |                  |
| 17 <b>ENERGY COMPONENTS</b>                                | \$0   | \$0  |  |                  |
| 18 <b>CUSTOMER COMPONENTS</b>                              | \$175,907   | \$10,712                                     |  |                  |
| 19 370 - METERS SINGLE PHASE SEC - Cust Chrg               | (\$0)   | \$0  | \$0  |                  |
| 20 371 - METERS SINGLE PHASE SEC - MS Rider                | \$0   | \$0  | \$0  |                  |
| 21 370 - METERS SECONDARY - Cust Chrg                      | \$0   | \$0  | \$0  | 0                |
| 22 371 - METERS SECONDARY - MS Rider                       | \$671   | \$0  | \$0  |                  |
| 23 370 - METERS PRIMARY - Cust Chrg                        | \$0   | \$0  | \$0  | 0                |
| 24 371 - METERS PRIMARY - MS Rider                         | \$0   | \$0  | \$0  |                  |
| 25 370 - METERS PRIMARY SUBSTATION - Cust Chrg             | \$0   | \$0  | \$0  | 0                |
| 26 371 - METERS PRIMARY SUBSTATION - MS Rider              | \$5,031   | \$335  | \$0  |                  |
| 27 370 - METERS SUBTRANSMISSION - Cust Chrg                | \$0   | \$0  | \$0  | 0                |
| 28 371 - METERS SUBTRANSMISSION - MS Rider                 | \$671   | \$0  | \$0  | 0                |
| 29 370 - METERS TRANSMISSION - Cust Chrg                   | \$0   | \$0  | \$0  | 0                |
| 30 371 - METERS TRANSMISSION - MS Rider                    | \$0   | \$0  | \$0  |                  |
| 31 902 - METER READING - Cust Chrg                         | \$0   | \$0  | \$0  | 0                |
| 32 903 - METER READING - MS Rider                          | \$12,774  | \$672  | \$23   |                  |
| 33 903 - CUST RECORDS & COLL                               | \$21,294  | \$1,124                                      | \$65   | 22,483           |
| 34 904 - UNCOLLECTIBLE ACCOUNTS                            | \$0   | \$0  | \$0  | 0                |
| 35 908 - CUSTOMER ASSISTANCE                               | \$92,799  | \$6,496                                      | \$78   | 99,373           |
| 36 909 - INFORMATION & INSTRUCT                            | \$0   | \$0  | \$0  | 0                |
| 37 CUSTOMER BLACK START                                    | \$6,381   | \$447  | \$5  | 6,833            |
| 38 CUST MTR REG OBLIG - Customer Charge                    | \$0   | \$0  | \$0  | 0                |
| 39 CUST MTR REG OBLIG - MS Rider                           | \$352   | \$19   | \$36   |                  |
| 40 CUST METERS INSTR TRANSF                                | \$35,935  | \$1,619                                      | \$137  |                  |
| 41 CUST SERVICES   | \$0   | \$0  | \$0  |                  |
| 42 373 - STR LIGHT & OUTDOOR LIGHT                         | \$0   | \$0  | \$0  |                  |
| 43 CUSTOMER ADVANCES FOR CONSTR                            | \$0   | \$0  | (\$433)                                      | (\$433)          |
| 44 CUSTOMER DEPOSITS                                       | \$0   | \$0  | (\$0)  | (\$0)            |
| 45 450 - LATE PAYMENT CHARGES                              | \$0   | \$0  | (\$219)                                      | (\$219)          |
| 39 <b>TOTAL COMPANY</b>                                    | \$1,065,679   | \$56,976                                     | \$67,092                                     | <b>\$128,688</b> |
| 40 ANNUAL BOOKED KWH SALES                                 |   | \$0  |  |                  |
| 41 TOTAL ANNUAL BILLS                                      | 482,876,641   | 33,885,876                                   | 10,701,600                                   | 240              |
| 42 <b>BILLING DEMANDS</b>                                  | 893,452   | 125,917                                      | 64,496                                       | 1,083,865        |
| 43 <b>CUSTOMER CHARGE</b>                                  |   |  |  | <b>\$536.20</b>  |
| ( WITHOUT METERING COSTS )                                 |   |  |  |                  |
| 45 <b>MONTHLY FACILITIES CHARGE</b>                        | \$525,911   |  |  | <b>\$0.49</b>    |
| ( subtransmission )  |   |  |  |                  |

|  |        |       |     |        |
|--|--------|-------|-----|--------|
| Meter Services Rider Revenue Requirements: |        |       |     | Total  |
| 371 - METERS SINGLE PHASE SEC - MS Rider   | 0      | 0     | 0   | 0      |
| 371 - METERS SECONDARY - MS Rider          | 671    | 0     | 0   | 671    |
| 371 - METERS PRIMARY - MS Rider            | 0      | 0     | 0   | 0      |
| 371 - METERS PRIMARY SUBSTATION - MS Rider | 5,031  | 335   | 0   | 5,366  |
| 371 - METERS SUBTRANSMISSION - MS Rider    | 671    | 0     | 0   | 671    |
| 371 - METERS TRANSMISSION - MS Rider       | 0      | 0     | 0   | 0      |
| 903 - METER READING - MS Rider             | 12,774 | 672   | 23  | 13,469 |
| CUST MTR REG OBLIG - MS Rider              | 352    | 19    | 36  | 407    |
| CUST METERS INSTR TRANSF                   | 35,935 | 1,619 | 137 | 37,691 |
|  | 55,434 | 2,645 | 196 | 58,275 |

Check:  
Revenue Requirement by Old Class \$1,189,747  
Revenue Requirement by New Class \$1,189,747

Docket Nos. 01-0465/01-0530/01-0637 (consol)  
ICC Staff Exhibit 20.0  
Schedule 2

94.31%

### Meters by Rate Class

|         |               |
|---------|---------------|
| Rate 1  | 183,228       |
| Rate 2  | 17,958        |
| Rate 13 | 22,735        |
| Rate 15 | 5             |
| Rate 22 | 229           |
|         | <hr/> 224,155 |

|                      |                 |          |         |
|----------------------|-----------------|----------|---------|
| <b>Meter Reading</b> | \$ 2,328,262.00 | \$ 11.71 | \$ 0.98 |
|----------------------|-----------------|----------|---------|

REVENUE REQUIREMENTS COMPARISON

Docket Nos. 01-0465/01-0530/01-0637 (consol)  
ICC Staff Exhibit 20.0  
Schedule 3

COMPARISON OF CLASS REVENUE REQUIREMENTS

|            | Total Electric | Rate 1         | Rate 2     | Rate 7      | Rate 15 | Rate 29     | Rate 13-Sec   | Rate 13-Pri   | Rate 21-Sec | Rate 21-Pri | Rate 21-Subtr | Rate 22    | Rate 23     | Rate 32    | Rate 470   | Rate 489  |                |
|------------|----------------|----------------|------------|-------------|---------|-------------|---------------|---------------|-------------|-------------|---------------|------------|-------------|------------|------------|-----------|----------------|
| Staff (a)  | \$91,267,616   | \$48,685,883   | \$295,041  | \$617,459   | \$1,060 | \$1,479,829 | \$19,718,284  | \$13,804,656  | \$463,084   | \$3,901,665 | \$1,065,678   | \$82,043   | \$990,118   | \$56,976   | \$64,936   | \$40,904  | \$91,267,616   |
| CILCO (b)  | \$112,057,353  | \$59,739,206   | \$361,688  | \$775,560   | \$1,343 | \$1,855,841 | \$24,114,824  | \$16,987,062  | \$567,453   | \$4,808,050 | \$1,310,205   | \$102,539  | \$1,233,789 | \$70,592   | \$78,977   | \$50,224  | \$112,057,353  |
| Difference | (\$20,789,737) | (\$11,053,323) | (\$66,647) | (\$158,101) | (\$283) | (\$376,012) | (\$4,396,540) | (\$3,182,406) | (\$104,369) | (\$906,385) | (\$244,527)   | (\$20,496) | (\$243,671) | (\$13,616) | (\$14,041) | (\$9,320) | (\$20,789,737) |

|           | Total Electric | Rate R1      | Rate R2   | Rate N1     | Rate N2      | Rate N3   | Rate N4      | Rate N5     | Wholesale | Lighting  | St Lighting | MISO(Rate23) |              |
|-----------|----------------|--------------|-----------|-------------|--------------|-----------|--------------|-------------|-----------|-----------|-------------|--------------|--------------|
| Staff (a) | \$91,267,616   | \$48,686,943 | \$295,041 | \$2,250,260 | \$17,550,067 | \$463,084 | \$17,639,229 | \$1,189,746 | \$105,840 | \$617,459 | \$1,479,829 | \$990,118    | \$91,267,616 |

(a) Including rebuttal adjustments in other ICC Staff Exhibits; excluding Other Revenues; Revenue Requirement obtained from ICC Staff Ex. 11.0, Schedule 11.1;  
Figure used in this Schedule 3 is \$3,616 greater than revenue requirement in ICC Staff Ex. 11.0 due to rounding within cost study  
(b) November 9, 2001 Errata filing; excluding Other Revenues